REMARKS

Applicant respectfully requests that the above-identified application be reexamined.

Claims 1-56 are pending in this application. The Office Action mailed June 26, 2008, (hereinafter "Office Action"), rejected Claims 1-6 under 35 U.S.C. § 103(a) as being unpatentable in view of the teachings of "Persistent Object ID Service - Part 1," *IBM*, June 2, 2003, pp.1-6 by Tim Biernat (hereinafter "Biernat"), taken in view of the teachings of "Using The Timer Service," December 4, 2003, pp. 1-9 by Sun Microsystems (hereinafter "Sun"), and further in view of "HIBERNATE - Rational Persistence for Idiomatic Java," *Hibernate*, October 13, 2003, pp.1-123 (hereinafter "Hibernate"). Claims 7-17, 19-26, 28, and 29 were rejected under 35 U.S.C. § 103(a) as being unpatentable in view of the teachings of Hibernate, taken in view of the teachings of U.S. Patent No. 6,985,892, issued to Yoneyama (hereinafter "Yoneyama"). Claims 18 and 27 were rejected under 35 U.S.C. § 103(a) as being unpatentable in view of the teachings of Hibernate, in view of the teachings of Yoneyama, and further in view of the teachings of Sun. Claims 30-56 were rejected under 35 U.S.C. § 103(a) as being unpatentable in view of the teachings of Biernat, in view of the teachings of Hibernate. While applicant respectfully disagrees, in order to advance the prosecution of this application, clarifying amendments have been made to some of the independent claims.

Pursuant to 37 C.F.R. § 1.111 and for the reasons set forth below, applicant respectfully requests reconsideration and allowance of the pending claims. Prior to discussing in detail why applicant believes that all the claims in this application are allowable, a brief description of the disclosed subject matter and brief descriptions of the teachings of the cited and applied references are provided. The following descriptions of the disclosed subject matter and the cited and applied references are not provided to define the scope or interpretation of any of the claims of this application. Instead, these descriptions are provided solely to assist the United States

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Patent and Trademark Office in recognizing the differences between the pending claims and the cited references and should not be construed as limiting on the disclosed subject matter.

Disclosed Subject Matter

Disclosed are methods implementable in a computer readable medium for creating generators that will execute a specific task. Values of generator properties for each generator specify the behavior of the generator during execution. For example, the incrementation capability adjusts the value of a generator property during consecutive executions. Additionally disclosed are classes and at least one indicator associated with the generators that schedule, log, and indicate the status related to the generators.

Summary of Biernat - "Persistent Object ID Service - Part 1"

Biernat is purportedly directed towards a service that provides persistent object IDs (POIDs). The proposed solution employs standard J2EE and Web technologies, including Enterprise JavaBeans (EJB) and Simple Object Access Protocol (SOAP).

Biernat fails to teach, disclose, or remotely suggest the incrementation settings including at least one of an "offset" setting and a "step" setting, the "offset" setting specifying a value by which the value of a generator property is incremented, the "step" setting specifying a number of generated objects containing the value of a generator property with the same "offset" setting. Biernat also fails to teach, disclose, or remotely suggest the value of a generator property comprising a stream portion and a numerical portion, wherein the numerical portion is incremented; a status user interface (UI) for displaying the execution status of generators, wherein the execution status of each generator includes a description of the generator and the value of each property associated with the generator; and a logging class for recording an object generated by each generator, a time of the object generation, and generator properties used to generate the object; which provides a user a capability to turn the logging class off.

Summary of Sun - "Using the Timer Service"

Sun is purportedly directed towards a timer service for an EJB container that enables a user to schedule timed notifications of all types of EJB that can occur at a specific time, after a duration of time, or at timed intervals.

Like Biernat, Sun fails to teach, disclose, or remotely suggest the incrementation settings including at least one of an "offset" setting and a "step" setting, the "offset" setting specifying a value by which the value of a generator property is incremented, the "step" setting specifying a number of generated objects containing the value of a generator property with the same "offset" setting. Sun also fails to teach, disclose, or remotely suggest the value of a generator property comprising a stream portion and a numerical portion, wherein the numerical portion is incremented; a status user interface (UI) for displaying the execution status of generators, wherein the execution status of each generator includes a description of the generator and the value of each property associated with the generator; and a logging class for recording an object generated by each generator, a time of the object generation, and generator properties used to generate the object; which provides a user a capability to turn the logging class off.

Summary of Hibernate - "HIBERNATE - Relational Persistence for Idiomatic Java"

Hibernate is an object-relational mapping (ORM) library for the Java language, providing a framework for mapping an object-oriented domain model to a traditional relational database. Hibernate solves Object-Relational impedance mismatch problems by replacing direct persistence-related database accesses with high-level object handling functions.

Like Biernat and Sun, Hibernate fails to teach, disclose, or remotely suggest the incrementation settings including at least one of an "offset" setting and a "step" setting, the "offset" setting specifying a value by which the value of a generator property is incremented, the "step" setting specifying a number of generated objects containing the value of a generator

-17-

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property with the same "offset" setting. Hibernate also fails to teach, disclose, or remotely suggest the value of a generator property comprising a stream portion and a numerical portion, wherein the numerical portion is incremented; a status user interface (UI) for displaying the execution status of generators, wherein the execution status of each generator includes a description of the generator and the value of each property associated with the generator; and a logging class for recording an object generated by each generator, a time of the object generation, and generator properties used to generate the object; which provides a user a capability to turn the logging class off.

Summary of U.S. Patent No. 6,985,892 to Yoneyama

Yoneyama is purportedly directed towards an image manipulating system. The system includes a file generator which assigns a file name for information to be recorded so that the information is formatted as a file for storage in a recording medium. The file generator automatically assigns the file name which has a part thereof which is a serial number stored and managed in the recording medium and associated with the file. The file generator increments the last stored file number and stores it in readiness for use to identify the next file to be created. The file generator also creates characters forming an arbitrary position of the file name. The file generator also provides a character which identifies the image manipulating system with the file number.

Like Biernat, Sun, and Hibernate, Yoneyama fails to teach, disclose, or remotely suggest the incrementation settings including at least one of an "offset" setting and a "step" setting, the "offset" setting specifying a value by which the value of a generator property is incremented, the "step" setting specifying a number of generated objects containing the value of a generator property with the same "offset" setting. Yoneyama also fails to teach, disclose, or remotely suggest the value of a generator property comprising a stream portion and a numerical portion,

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wherein the numerical portion is incremented; a status user interface (UI) for displaying the execution status of generators, wherein the execution status of each generator includes a description of the generator and the value of each property associated with the generator; and a logging class for recording an object generated by each generator, a time of the object generation, and generator properties used to generate the object; which provides a user a capability to turn the logging class off.

<u>Rejection of Claims 1-6 Under 35 U.S.C. § 103(a)</u>

As indicated above, Claims 1-6 were rejected under 35 U.S.C. § 103(a) as being unpatentable in view of the teachings of Biernat, taken in view of the teachings of Sun, and further in view of Hibernate.

Claim 1, as amended, reads as follows:

> A computer-readable medium having a base generator class stored thereon for use by developers to create generators to perform specific tasks, the base generator class comprising:
>
> a base generator class constructor for initializing a generator;
>
> a generator properties class that provides incrementation capability, which allows the value of a generator property to vary during consecutive executions of a generator, **the value of a generator property comprising a stream portion and a numerical portion, the numerical portion being incremented**;
>
> a status indicator **including a status user interface (UI) for displaying the execution status of generators, the execution status of each generator including a description of the generator and the value of each property associated with the generator;**
>
> a schedule class; **and**
>
> a logging class **for recording an object generated by each generator, a time of the object generation, and generator properties used to generate the object; the logging class providing a user a capability to turn the logging class off;**
>
> wherein the logging class is used to verify the tasks performed by the generators.

(Emphasis added).

-19-

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Applicants respectfully submit that Claim 1, as amended, is allowable over Biernat, taken in view of the teachings of Sun, and further in view of Hibernate because Biernat, taken alone or in combination with Sun and Hibernate fails to teach, disclose, or suggest the recitations of Claim 1 marked in bold. Because Claims 2, 3, 5 and 6 depend directly or indirectly from Claim 1, Claims 2, 3, 5 and 6 are submitted to be allowable for at least the same reasons as Claim 1. Claim 4 has been canceled and its rejection has thus been rendered moot.

Rejection of Claims 7-17, 19-26, 28, and 29 Under 35 U.S.C. § 103(a)

As indicated above, Claims 7-17, 19-26, 28, and 29 were rejected under 35 U.S.C. § 103(a) as being unpatentable in view of the teachings of Hibernate, taken in view of the teachings of Yoneyama.

Claims 7-11

Claim 7, as amended, reads as follows:

> A method of creating a generator, wherein the generator performs a specific task including at least creating a file, comprising:
> creating a new generator class that inherits a base generator class that contains incrementation capability;
> creating a public default constructor for the new generator class that overrides the base generator class constructor **by accepting user-defined properties for the generator, the user-defined properties for the generator including incrementation settings for a property;**
> implementing a function in the new generator class to perform the specific task; and
> verifying the task based on properties of the generator.

(Emphasis added.)

Applicants respectfully submit that Hibernate, taken alone or in combination with Yoneyama, fails to teach, disclose, or suggest the user-defined properties for the generator, where the user-defined properties include incrementation settings for a property. Therefore, for at least the above reason, Claim 7, as amended, is submitted to be allowable over Hibernate, taken in view of the teachings of Yoneyama. Because Claims 8-11 depend directly or indirectly

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from Claim 7, Claims 8-11 are submitted to be allowable for at least the same reasons as Claim 7.

Claims 12-17, 19-26, 28 and 29

Claim 12, as amended, reads as follows:

> A method of using a generator that performs a specific task including at least creating a file, comprising:
> customizing settings of the generator, the settings including incrementation settings that specify how the value of a generator property may vary between generated objects, the generated object including a file, **the incrementation settings including at least one of an "offset" setting and a "step" setting, the "offset" setting specifying a value by which the value of a generator property is incremented, the "step" setting specifying a number of generated objects containing the value of a generator property with the same "offset" setting;**
> executing the generator with the customized settings; and
> verifying the task based on the settings of the generator.

(Emphasis added.)

Applicants respectfully submit that Hibernate, taken alone or in combination with Yoneyama, fails to teach, disclose, or remotely suggest the incrementation settings including at least one of an "offset" setting and a "step" setting, the "offset" setting specifying a value by which the value of a generator property is incremented, the "step" setting specifying a number of generated objects containing the value of a generator property with the same "offset" setting. For at least the above reason, Claim 12, as amended, is submitted to be allowable over Hibernate, taken in view of the teachings of Yoneyama.

Because Claims 13-17, 19-26, 28 and 29 depend directly or indirectly from Claim 12, Claims 13-17, 19-26, 28 and 29 are submitted to be allowable for at least the same reasons as Claim 12.

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Rejection of Claims 18 and 27 Under 35 U.S.C. § 103(a)

As indicated above, Claims 18 and 27 were rejected under 35 U.S.C. § 103(a) as being unpatentable in view of the teachings of Hibernate, in view of the teachings of Yoneyama, and further in view of the teachings of Sun.

Because Claims 18 and 27 depend indirectly from Claim 12, which is submitted to be allowable, Claims 18 and 27 are submitted to be allowable for at least the same reasons as Claim 12 since Sun does not make up for the deficiencies of Hibernate and Yoneyama discussed above with regard to Claim 12.

Rejection of Claims 30-56 Under 35 U.S.C. § 103(a)

As indicated above, Claims 30-56 were rejected under 35 U.S.C. § 103(a) as being unpatentable in view of the teachings of Biernat, in view of the teachings of Hibernate.

Independent Claims 30, 53 and 55 have been amended with the subject matter of, and in a manner similar to, Claim 12. As a result, Claims 30, 53 and 55, as amended, are submitted to be allowable for at least the same reasons as Claim 12 since Biernat does not make up for the deficiencies of Yoneyama as discussed above in regard to Claim 12.

Because Claims 31-52 depend directly or indirectly from Claim 30, Claim 54 depends from Claim 53, and Claim 56 depends from Claim 55, Claims 31-52, 54, and 56 are submitted to be allowable for at least the same reasons as Claims 30, 53, and 55 respectively.

CONCLUSION

In view of the foregoing amendments and remarks, applicant respectfully submits that all of the remaining claims in this application are allowable. Consequently, early and favorable action passing this application to issue is respectfully requested. If the Examiner has any remaining questions, the Examiner is encouraged to contact applicant's attorney at the number set forth below.

Respectfully submitted,

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